

**TECHNICIAN VACANCY ANNOUNCEMENT #04-50A
(ALSO ADVERTISED ACTIVE GUARD RESERVE –SEE AGR ANNOUNCEMENT #04-32A)**

**HUMAN RESOURCE OFFICE
MARYLAND NATIONAL GUARD
FIFTH REGIMENT ARMORY
29th DIVISION STREET
BALTIMORE, MARYLAND 21201-2288
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**OPENING DATE: 7 January 2004
CLOSING DATE: 10 February 2004**

**SALARY: WG-05 - \$14.95 to \$17.44
WG-08 - \$17.15 to \$19.98
WG-10 - \$18.45 to \$21.52
(Steps 1-5) per hour**

POSITION TITLE, SERIES, GRADE, PDCN:

***Aircraft Pneudraulic System Mechanic (A-10),
WG-8268-05/08/10, F4229200
Sequence #11887**

ORGANIZATION AND LOCATION:

**175th Wing, Maryland Air National Guard
Warfield Air National Guard Base
2701 Eastern Boulevard
Middle River, Maryland 21220-2899**

Work Schedule: Tuesday thru Friday - 0630 to 1700 hours.

AREA OF CONSIDERATION (Who May Apply): **NATIONWIDE - This is a Maryland Air National Guard Excepted Service (Dual-Status) Technician position open to current Enlisted members of the Maryland Air National Guard and those eligible for membership.**

BRIEF OF DUTIES: Utilizing electrical wiring diagrams, blueprints, schematics and technical publications, determines extent and type of preventive and/or repair maintenance required. Performs organizational and intermediate maintenance on aircraft fuel systems, components, and equipment to include fuel cells, drop tanks, regulators, pumps, relief valves and fuel accessories. Connects power sources, and using cockpit controls, gauges and additional precision instruments, performs operational and functional checks of inflight refueling, single point refueling and fuel transfer systems and related valves, pumps, switches, selectors, and control devices. Performs leak check of aircraft fuel systems by visual inspection or by removal of panels and dye tracing fuel leaks. Determines serviceability of fuel cell sealant and replaces it when required. Diagnoses and overhauls fuel accessories by disassembling, cleaning, and examining parts for corrosion, scratches, cracks or other damage. Replaces gaskets and worn parts, reassembles accessories, adjusts and tests to insure proper operation in accordance with standards in technical data. Prepares for and participates in various types of readiness evaluations such as ORI, IG and UE inspections, mobility, and command support exercises. Performs other duties as assigned.

INSTRUCTIONS FOR APPLYING: You may submit either a resume, Optional Form 612 (Optional Application for Federal Employment), Standard Form 171 (Application for Federal Employment), or other written format containing the information outlined in the attachment to this vacancy announcement. A separate resume or application is required for each vacancy announcement. The resume or application must arrive at the Human Resource Office (address above) no later than 5:00 p.m. on the closing date indicated. Type or print clearly in dark ink. Resumes or applications that do not provide all the information requested in the vacancy announcement or attachment may cause loss of consideration for this position. If necessary to attach additional pages, include your Name, Social Security Number, and the Vacancy Announcement Number on each page. Resumes or applications will not be returned. Copies of awards, performance appraisals, certificates of training, and position descriptions are not to be submitted, unless specifically requested. **APPLICANTS WHO ARE SUBSTITUTING EDUCATION FOR SPECIALIZED EXPERIENCE (TOTALLY OR PARTIALLY) MUST INCLUDE EITHER AN OFFICIAL COLLEGE TRANSCRIPT; OR STATEMENT FROM THE REGISTRAR, DEAN, OR OTHER APPROPRIATE OFFICIAL OF THE COLLEGE OR INSTITUTION.**

In addition to the resume or application, applicants are requested to submit OPM Form 1386, Background Survey Questionnaire 79-2 (which may be reproduced locally). OPM Form 1386 will not be used in the selection process for this position. Information provided will be used for statistical purposes only, and disclosure by the applicant is discretionary.

MILITARY SERVICE (IF APPLICABLE): In addition to the information requested in the Vacancy Announcement and the attachment, resumes or applications must include: (a) Branch (including National Guard); (b) Inclusive dates of military service (c) MOS/AFSCs or SSIs held or previously held; (d) Title and dates of military schools; (e) Military grades held, description of military duties performed (**only if related to the position for which you are applying**); and (f) ***if National Guard, current unit of assignment.***

EXCEPTED TECHNICIAN EMPLOYMENT POLICY: Any technician position that requires Military Membership as a prerequisite for employment is in the Excepted Federal Service. Candidates will meet military assignment requirements prior to or with, the placement action. Technicians in the Excepted Service will wear the military uniform appropriate to their service and grade when performing as a technician. They will comply with the appearance standards contained in appropriate military regulations.

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CREDITING EXPERIENCE: National Guard military (part-time) service is considered as full-time experience when evaluated against the qualification requirements for a technician position. The applicant is credited with actual number of months the member has been in the National Guard provided such service is related to the position to be filled.

SPECIAL CONDITIONS OF EMPLOYMENT: (a) Individual(s) selected will be required to participate in the Direct Deposit/Electronic Funds Transfer (DD/EFT) which has been established as the standard method of payment within the Department of Defense for pay of personnel. (b) Selectee(s) may be required to satisfactorily complete a Physical Examination prior to being assigned to this position.

SPECIAL INFORMATION: Male applicants born after 31 December 1959 must be registered with Selective Service in compliance with the Defense Authorization Act of 1986, Section 1622.

NOTE: Relocation expenses will not be paid.

EQUAL EMPLOYMENT OPPORTUNITY: Qualified applicants receive consideration without regard to age, race, color, religion, sex, national origin, lawful political or other affiliations, marital status, membership or non-membership in an employee organization, or any handicap which does not interfere with accomplishment of position requirements.

MILITARY COMPATIBILITY: Prior to appointment to this position the selectee must be qualified for, or assigned to a compatible military position in one of the following DMOS/DAFSC specialties: Enlisted: AFSC 2A6XX

EVALUATION FACTORS: Qualifications are determined by evaluating the job related information on the resume or application provided to this office. Applicants must include on separate sheets of paper (no more than one page per factor) a detailed written narrative which provides examples of work experience (including inclusive dates [month/year]), training, education, awards, hobbies, self-development, etc. as they relate to the Qualifications, and Knowledge, Skills, and Abilities (KSAs) listed below.

QUALIFICATIONS:

General Experience (WG-05/08/10): Experience, education, or training which demonstrates the applicant's knowledge of basic electrical and mechanical principles; knowledge of troubleshooting procedures used to isolate malfunctions in aircraft pneudraulic systems; and ability to use technical manuals, equipment specifications, and test calibration procedures in performing the work.

Specialized Experience (WG-05): Must possess 6 months of the following experience: experience that demonstrates the ability to learn basic electrical and mechanical principles; experience which demonstrates an applicant's ability to learn procedures used to jack and perform hydraulic and pneumatic systems check; experience in identifying basic malfunctions when source of trouble is easily located by appearance, sound or response such as fluid leaks; experience which demonstrates an applicant's ability to learn procedures used to service, maintain, disassemble, assemble, and repair pneudraulic ground equipment; experience which required the use of hand tools to perform simple repetitive tasks; and experience which demonstrates the ability to follow written instructions.

Specialized Experience (WG-08): Must possess 12 months of the following experience: Experience which provided a knowledge of basic electrical and mechanical principles; experience in fabricating fuel, oil and vacuum hose lines; experience in servicing, maintaining, dissembling, assembling, repairing and testing hydraulic and pneumatic systems; experience in diagnosing malfunctions and overhauling pneudraulic accessories by disassembling, cleaning and examining parts for corrosion, wear, scratches, cracks or other damage, replacing gaskets, and worn parts, reassemble accessories; experience in diagnosing trouble and determining remedy when overall knowledge of an entire system is necessary in order to correct malfunction; experience in servicing, maintaining, disassembling and repairing pneudraulic ground equipment; experience using hand tools and test equipment such as dial indicators, feeler gauges, and micrometers; and experience which demonstrates the ability to interpret technical manuals, specifications and publications.

Specialized Experience (WG-10): Must possess 18 months of the following experience: Experience which provided a knowledge of basic electrical and mechanical principles; experience in fabricating fuel, oil and vacuum hose lines; experience in repairing, rebuilding and overhauling systems and major components of aircraft hydraulic and pneumatic systems; experience in diagnosing malfunctions and overhauling pneudraulic accessories by disassembling, cleaning and examining parts for corrosion, wear, scratches, cracks or other damage, replacing gaskets, and worn parts, reassemble accessories; experience in diagnosing trouble and determining remedy when overall knowledge of an entire system is necessary in order to correct malfunctions; experience in repairing rebuilding and overhauling major systems of ground equipment and pneumatic and hydraulic systems; experience in making mechanical repairs that required the use of test equipment and common hand tools; and experience which demonstrates the ability to interpret technical manuals,

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Substitution Of Education For Specialized Experience (WG-05/08/10): Study successfully completed in a college, university, technical or vocational school may be substituted for experience at the rate of one year of study (30 semester hours or 20 classroom hours of instruction per week) for six (6) months of experience. Courses must be directly related to the work of the position.

Applicants meeting the basic qualifications may be further rated and ranked on their experience related to the knowledge, skills and abilities (KSAs) stated below. These KSAs are essential for successful performance in the position. Each applicant should fully explain on their resume or application or on a separate attachment how they meet each KSA listed below:

Knowledge, Skills, and Abilities (KSAs) WG-05: (a) Knowledge of basic electrical and mechanical principles that apply to aircraft systems; (b) Ability to identify basic malfunctions; (c) Ability to service, repair, and maintain ground equipment; (d) Ability to use common hand tools; and (e) Ability to interpret written instructions.

Knowledge, Skills, and Abilities (KSAs) WG-08: (a) Knowledge of hydraulic and pneumatic principles, and the physical laws governing the behavior of fluids (liquids and gasses); (b) Knowledge of aircraft structure and the relationship of aircraft pneudraulic systems to the structure and to other aircraft systems and ability to operate test panels and ground power equipment; (c) Knowledge of aircraft pneudraulic equipment used in maintaining and checking aircraft pneudraulic equipment; (d) Knowledge of troubleshooting procedures designed to isolate malfunctions in aircraft pneudraulic systems; (e) Ability to service, repair and maintain pneudraulic ground equipment; (f) Ability to use common hand tools and test equipment; and (g) Ability to interpret technical manuals, illustrations, specifications, diagrams and schematics to make repairs and modifications.

Knowledge, Skills, and Abilities (KSAs) WG-10: (a) Knowledge of hydraulic and pneumatic principles, and the physical laws governing the behavior of fluids (liquids and gasses); (b) Knowledge of aircraft structure and the relationship of aircraft pneudraulic systems to the structure and to other aircraft systems and ability to operate test panels and ground power equipment; (c) Knowledge of aircraft pneudraulic equipment used in maintaining and checking aircraft pneudraulic equipment; (d) Knowledge of troubleshooting procedures designed to isolate malfunctions in aircraft pneudraulic systems; (e) Knowledge of and skill in the repair, and rebuilding of ground equipment pneumatic and fuel systems; (f) Skill to use common hand tools and test equipment and (g) Ability to interpret technical manuals, illustrations, specifications, diagrams and schematics to make repairs and modifications.

Physical Effort: Involves climbing, stooping, standing, stretching, bending, and working in tiring and uncomfortable positions. Requires moderate to strenuous physical exertion. Lifts heavy equipment and components weighing from 20 to 30 pounds and occasionally up to 80 pounds. Subject to the dangers of skin irritation from aviation fuels, lubricants and solvents.

Statement of Difference (WG-05): Assignments as described in the Brief of Duties are preselected for developmental purposes progressing from the more common and typical tasks of the trade to the more difficult tasks as the appropriate skills, knowledge's, and abilities are gained by the incumbent.

Statement of Difference (WG-08): Assignments as described in the Brief of Duties are preselected for developmental purposes and will range from the simpler and more routine tasks of the trade up to and including, under close supervision, journeyman level duties. Assignments will be designed to develop journeyman level practices and skills.

**This position has been administratively downgraded for recruitment purposes. Applicants not fully qualified at the WG-10 level may be considered at WG-05 or WG-08 provided they meet the minimum qualifications for the lower grade(s). Individuals rated Best Qualified at WG-05 or WG-08 will also be referred to the Selecting Official in the absence of a sufficient number of applicants qualified at WG-10. If the position is filled at WG-05 or WG-08 the incumbent may be promoted to the next higher grade without further competition when the necessary qualifications are obtained.*

Provisions of Tech Pers Reg 335-2 (Merit Placement Plan) dated 1 Dec 96 apply.